



SEQUENCE LISTING

<110> Hsu, Sheau-Yu
Hsueh, Aaron J.W.

<120> STRESSCOPINS AND THEIR USES

<130> STAN210

<140> 09/682,706

<141> 2001-10-09

<150> 60/276,615

<151> 2001-03-15

<150> 60/244,128

<151> 2000-10-26

<160> 15

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 339

<212> DNA

<213> Homo Sapiens

<400> 1

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cgacctcggy	cctcagagag	cccctcagct	gtcctcccat	ggccgtgggc	tgcccagagc	180
cactgcagcc	ccacccgcc	ccctggctcg	cgcattgtcc	tatcgtgga	tgctcccatc	240
ggcctcttgc	agatcttact	ggagcaagcc	cgggccaggg	ctgccaggga	gcaggccacc	300
accaacgccc	gcactcctggc	ccgtgtcggc	cactgctga			339

<210> 2

<211> 112

<212> PRT

<213> Homo Sapiens

<400> 2

Met	Thr	Arg	Cys	Ala	Leu	Leu	Leu	Met	Val	Leu	Met	Leu	Gly	Arg
1			5					10				15		
Val	Leu	Val	Val	Pro	Val	Thr	Pro	Ile	Pro	Thr	Phe	Gln	Leu	Arg
			20					25				30		
Gln	Asn	Ser	Pro	Gln	Thr	Thr	Pro	Arg	Pro	Ala	Ala	Ser	Glu	Ser
			35				40					45		
Ser	Ala	Ala	Pro	Thr	Trp	Pro	Trp	Ala	Ala	Gln	Ser	His	Cys	Ser
			50				55					60		
Thr	Arg	His	Pro	Gly	Ser	Arg	Ile	Val	Leu	Ser	Leu	Asp	Val	Ile
65					70				75				80	

TECH CENTER

TECH CENTER 1600/2900

JAN 03

JAN 03 2001

REC'D

RECEIVED

Gly Leu Leu Gln Ile Leu Leu Glu Gln Ala Arg Ala Arg Ala Ala Arg
 85 90 95
 Glu Gln Ala Thr Thr Asn Ala Arg Ile Leu Ala Arg Val Gly His Cys
 100 105 110

<210> 3
 <211> 43
 <212> PRT
 <213> Homo sapiens

<400> 3
 His Pro Gly Ser Arg Ile Val Leu Ser Leu Asp Val Ile Leu Gly Leu
 1 5 10 15
 Leu Gln Ile Leu Leu Glu Gln Ala Arg Ala Arg Ala Ala Arg Glu Gln
 20 25 30
 Ala Thr Thr Asn Ala Arg Ile Leu Ala Arg Val
 35 40

<210> 4
 <211> 486
 <212> DNA
 <213> Homo sapiens

<400> 4
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 ggc ccc agg aca ggc ctc ccc cac aag ttc tac aaa gcc aag ccc atc 96
 ttc agc tgc ctc aac acc gcc ctg tct gag gct gag aag ggc cag tgg 144
 gag gat gca tcc ctg ctg agc aag agg agc ttc cac tac ctg cgc agc 192
 aga gac gcc tct tgc gga gag gag gag ggc aaa gag aaa aag act 240
 ttc ccc atc tct ggg gcc agg ggt gga gcc gga ggc acc cgt tac aga 288
 tac gtg tcc caa gca cag ccc agg gga aag cca cgc cag gac aca gcc 336
 aag agt ccc cac cgc acc aag ttc acc ctg tcc ctc gac gtc ccc acc 384
 aac atc atg aac ctc ctc ttc aac atc gcc aag gcc aag aac ctg cgt 432
 gcc cag gcg gcc gcc aat gcc cac ctg atg gcg caa att ggg agg aag 480
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<210> 5
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 <213> Homo sapiens

<400> 5
 Met Leu Met Pro Val His Phe Leu Leu Leu Leu Leu Leu Gly
 1 5 10 15
 Gly Pro Arg Thr Gly Leu Pro His Lys Phe Tyr Lys Ala Lys Pro Ile
 20 25 30
 Phe Ser Cys Leu Asn Thr Ala Leu Ser Glu Ala Glu Lys Gly Gln Trp
 35 40 45
 Glu Asp Ala Ser Leu Leu Ser Lys Arg Ser Phe His Tyr Leu Arg Ser
 50 55 60
 Arg Asp Ala Ser Ser Gly Glu Glu Glu Glu Gly Lys Glu Lys Lys Thr
 65 70 75 80

Phe Pro Ile Ser Gly Ala Arg Gly Gly Ala Gly Gly Thr Arg Tyr Arg
 85 90 95
 Tyr Val Ser Gln Ala Gln Pro Arg Gly Lys Pro Arg Gln Asp Thr Ala
 100 105 110
 Lys Ser Pro His Arg Thr Lys Phe Thr Leu Ser Leu Asp Val Pro Thr
 115 120 125
 Asn Ile Met Asn Leu Leu Phe Asn Ile Ala Lys Ala Lys Asn Leu Arg
 130 135 140
 Ala Gln Ala Ala Ala Asn Ala His Leu Met Ala Gln Ile Gly Arg Lys
 145 150 155 160
 Lys

<210> 6
 <211> 40
 <212> PRT
 <213> Homo sapiens

<400> 6
 Thr Lys Phe Thr Leu Ser Leu Asp Val Pro Thr Asn Ile Met Asn Leu
 1 5 10 15
 Leu Phe Asn Ile Ala Lys Ala Lys Asn Leu Arg Ala Gln Ala Ala Ala
 20 25 30
 Asn Ala His Leu Met Ala Gln Ile
 35 40

<210> 7
 <211> 42
 <212> PRT
 <213> Homo sapiens

<400> 7
 Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu
 1 5 10 15
 Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Ala Gln Gln Ala
 20 25 30
 His Ser Asn Arg Lys Leu Met Glu Ile Ile
 35 40

<210> 8
 <211> 42
 <212> PRT
 <213> Mus musculus

<400> 8
 Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu
 1 5 10 15
 Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Ala Gln Gln Ala
 20 25 30
 His Ser Asn Arg Ile Ile Phe Asp Ser Val
 35 40

<210> 9
<211> 42
<212> PRT
<213> Homo sapiens

<400> 9
Arg Arg Asp Asn Pro Ser Leu Ser Ile Asp Leu Thr Phe His Leu Leu
1 5 10 15
Arg Thr Leu Leu Glu Leu Ala Arg Thr Gln Ser Gln Arg Glu Arg Ala
20 25 30
Glu Gln Asn Arg Ile Ile Phe Asp Ser Val
35 40

<210> 10
<211> 42
<212> PRT
<213> Mus musculus

<400> 10
Arg Arg Asp Asp Pro Leu Ser Ile Asp Leu Thr Phe His Leu Leu
1 5 10 15
Arg Thr Leu Leu Glu Leu Ala Arg Thr Gln Ser Gln Arg Glu Arg Ala
20 25 30
Glu Gln Asn Arg Ile Ile Phe Asp Ser Val
35 40

<210> 11
<211> 42
<212> PRT
<213> Carassius auratus

<400> 11
Arg Asn Asp Asp Pro Pro Ile Ser Ile Asp Leu Thr Phe His Leu Leu
1 5 10 15
Arg Asn Met Ile Glu Met Ala Arg Asn Glu Asn Gln Arg Glu Gln Ala
20 25 30
Gly Leu Asn Arg Lys Tyr Leu Asp Glu Val
35 40

<210> 12
<211> 42
<212> PRT
<213> Catostomus commersoni

<400> 12
Arg Ser Glu Glu Pro Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu
1 5 10 15
Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Ala Gln Gln Ala
20 25 30
His Ser Asn Arg Lys Met Met Glu Ile Phe

35

40

<210> 13

<211> 42

<212> PRT

<213> *Catostomus commersoni*

<400> 13

Arg Ser Glu Glu Pro Ile Ser Leu Asp Leu Thr Phe His Leu Leu

1 5 10 15

Arg Glu Val Leu Glu Met Ala Arg Ala Glu Gln Leu Val Gln Gln Ala

20 25 30

His Ser Asn Arg Lys Met Met Glu Ile Phe

35 40

<210> 14

<211> 40

<212> PRT

<213> *Phyllomedusa sauvagei*

<400> 14

Gln Gly Pro Pro Ile Ser Ile Asp Leu Ser Leu Glu Leu Leu Arg Lys

1 5 10 15

Met Ile Glu Ile Glu Lys Gln Glu Lys Glu Lys Gln Gln Ala Ala Asn

20 25 30

Asn Arg Leu Leu Leu Asp Thr Ile

35 40

<210> 15

<211> 40

<212> PRT

<213> *Takifugu rubripes*

<400> 15

Ser Arg Leu Thr Leu Ser Leu Asp Val Pro Thr Asn Ile Met Asn Val

1 5 10 15

Leu Phe Asp Val Ala Lys Ala Lys Asn Leu Arg Ala Lys Ala Ala Glu

20 25 30

Asn Ala Arg Leu Leu Ala His Ile

35 40